

Pedro D Wendel-Garcia

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

595
citations

9
h-index

24
g-index

52
ext. papers

1,131
ext. citations

8.7
avg, IF

3.61
L-index

#	Paper	IF	Citations
41	Intracranial Hemorrhages on Extracorporeal Membrane Oxygenation: Differences Between COVID-19 and Other Viral Acute Respiratory Distress Syndrome.. <i>Critical Care Medicine</i> , 2022 ,	1.4	4
40	mRNA-based SARS-CoV-2 vaccination is associated with reduced ICU admission rate and disease severity in critically ill COVID-19 patients treated in Switzerland.. <i>Intensive Care Medicine</i> , 2022 ,	14.5	3
39	Hyperinflammatory environment drives dysfunctional myeloid cell effector response to bacterial challenge in COVID-19.. <i>PLoS Pathogens</i> , 2022 , 18, e1010176	7.6	2
38	The SARS-CoV-2 Pandemic Impacts the Management of Swiss Pediatric Intensive Care Units.. <i>Frontiers in Pediatrics</i> , 2022 , 10, 761815	3.4	
37	It takes two to bleed: anticoagulation intensity and the host's vascular susceptibility.. <i>Intensive Care Medicine</i> , 2022 , 1	14.5	1
36	Non-invasive oxygenation support in acutely hypoxemic COVID-19 patients admitted to the ICU: a multicenter observational retrospective study.. <i>Critical Care</i> , 2022 , 26, 37	10.8	1
35	The importance of intravenous immunoglobulin treatment in critically ill patients with necrotizing soft tissue infection: a retrospective cohort study.. <i>BMC Infectious Diseases</i> , 2022 , 22, 168	4	0
34	Ventilation management and outcomes in out-of-hospital cardiac arrest: a protocol for a preplanned secondary analysis of the TTM2 trial.. <i>BMJ Open</i> , 2022 , 12, e058001	3	0
33	Where is the imperceptible difference?. <i>Intensive Care Medicine</i> , 2022 , 1	14.5	1
32	Clinical and biochemical endpoints and predictors of response to plasma exchange in septic shock: results from a randomized controlled trial.. <i>Critical Care</i> , 2022 , 26, 134	10.8	2
31	Helicopter inter-hospital transfer for patients undergoing extracorporeal membrane oxygenation: a retrospective 12-year analysis of a service system.. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2022 , 30, 33	3.6	0
30	Machine learning using the extreme gradient boosting (XGBoost) algorithm predicts 5-day delta of SOFA score at ICU admission in COVID-19 patients. <i>Journal of Intensive Medicine</i> , 2021 , 1, 110-110		2
29	Powering and Fabrication of Small-Scale Robotics Systems.. <i>Current Robotics Reports</i> , 2021 , 2, 427-440	3.5	1
28	Unraveling the secret of re-balancing homeostasis in sepsis: a critical view on extracorporeal blood purification modalities. <i>Intensive Care Medicine</i> , 2021 , 1	14.5	1
27	Analysis of anaesthesia services to calculate national need and supply of anaesthetics in Switzerland during the COVID-19 pandemic. <i>PLoS ONE</i> , 2021 , 16, e0248997	3.7	0
26	Bacterial pulmonary superinfections are associated with longer duration of ventilation in critically ill COVID-19 patients. <i>Cell Reports Medicine</i> , 2021 , 2, 100229	18	25
25	Latent class analysis to predict intensive care outcomes in Acute Respiratory Distress Syndrome: a proposal of two pulmonary phenotypes. <i>Critical Care</i> , 2021 , 25, 154	10.8	3

24	Implications of early respiratory support strategies on disease progression in critical COVID-19: a matched subanalysis of the prospective RISC-19-ICU cohort. <i>Critical Care</i> , 2021 , 25, 175	10.8	13
23	Closed-Loop Versus Conventional Mechanical Ventilation in COVID-19 ARDS. <i>Journal of Intensive Care Medicine</i> , 2021 , 36, 1184-1193	3.3	3
22	Hypothermia versus Normothermia after Out-of-Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , 2021 , 384, 2283-2294	59.2	127
21	Near real-time observation reveals increased prevalence of young patients in the ICU during the emerging third SARS-CoV-2 wave in Switzerland. <i>Swiss Medical Weekly</i> , 2021 , 151, w20553	3.1	1
20	How to Synchronize Longitudinal Patient Data With the Underlying Disease Progression: A Pilot Study Using the Biomarker CRP for Timing COVID-19. <i>Frontiers in Medicine</i> , 2021 , 8, 607594	4.9	1
19	Capillary Leukocytes, Microaggregates, and the Response to Hypoxemia in the Microcirculation of Coronavirus Disease 2019 Patients. <i>Critical Care Medicine</i> , 2021 , 49, 661-670	1.4	18
18	Probabilistic analysis of COVID-19 patients' individual length of stay in Swiss intensive care units. <i>PLoS ONE</i> , 2021 , 16, e0247265	3.7	3
17	What every intensivist should know about Tocilizumab. <i>Critical Care</i> , 2021 , 25, 262	10.8	3
16	Secondary sclerosing cholangitis as cause of persistent jaundice in patients with severe COVID-19. <i>Liver International</i> , 2021 , 41, 2404-2417	7.9	7
15	Cytokine adsorption in severe, refractory septic shock. <i>Intensive Care Medicine</i> , 2021 , 47, 1334-1336	14.5	6
14	Differing Visual Behavior Between Inexperienced and Experienced Critical Care Nurses While Using a Closed-Loop Ventilation System-A Prospective Observational Study. <i>Frontiers in Medicine</i> , 2021 , 8, 681321	4.9	0
13	Bacterial but no SARS-CoV-2 contamination after terminal disinfection of tertiary care intensive care units treating COVID-19 patients. <i>Antimicrobial Resistance and Infection Control</i> , 2021 , 10, 11	6.2	3
12	Awake prone position reduces work of breathing in patients with COVID-19 ARDS supported by CPAP.. <i>Annals of Intensive Care</i> , 2021 , 11, 179	8.9	1
11	Students Supporting Critical Care - A contention plan to prevent the decompensation of ICUs in the COVID-19 pandemic: Translating Bjorn Ibsens' polo-lessons to modern times. <i>Critical Care</i> , 2020 , 24, 211	10.8	3
10	icumonitoring.ch: a platform for short-term forecasting of intensive care unit occupancy during the COVID-19 epidemic in Switzerland. <i>Swiss Medical Weekly</i> , 2020 , 150, w20277	3.1	17
9	Influenza-associated aspergillosis in critically-ill patients-a retrospective bicentric cohort study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020 , 39, 1915-1923	5.3	17
8	Prognostic factors associated with mortality risk and disease progression in 639 critically ill patients with COVID-19 in Europe: Initial report of the international RISC-19-ICU prospective observational cohort. <i>EClinicalMedicine</i> , 2020 , 25, 100449	11.3	94
7	Undulatory Locomotion of Magnetic Multilink Nanoswimmers. <i>Nano Letters</i> , 2015 , 15, 4829-33	11.5	147

6	Superparamagnetic Twist-Type Actuators with Shape-Independent Magnetic Properties and Surface Functionalization for Advanced Biomedical Applications. <i>Advanced Functional Materials</i> , 2014 , 24, 5269-5276	15.6	71
5	Bacterial pulmonary superinfections are associated with unfavourable outcomes in critically ill COVID-19 patients		2
4	Bacterial Pulmonary Superinfections Are Associated with Unfavourable Outcomes in Critically Ill COVID-19 Patients. <i>SSRN Electronic Journal</i> ,	1	2
3	Timing COVID-19 Synchronization of longitudinal patient data to the underlying disease progression using CRP as a temporal marker		1
2	Neutrophil and monocyte dysfunctional effector response towards bacterial challenge in critically-ill COVID-19 patients		3
1	Sex- and Gender-specific Risk Factors of Post-COVID-19 Syndrome: A Population-based Cohort Study in Switzerland		2